

Form PTO-1449

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

(Use several sheets if necessary)

ATTY. DOCKET NO.

1248-0714PUS1

APPLICATION NO.

NEW

APPLICANT

HIGUCHI, Kaoru et al

FILING DATE

April 8, 2004

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US						
	US						
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	US						

FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
BAL	JP	2001-68827	A	2001-03-16	JAPAN			ABS	
↓	JP	1-125241	A	1989-05-17	JAPAN			ABS	
↓	JP	1-228861	A	1989-09-12	JAPAN			ABS	

OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER

Drend Adel Zamg

DATE CONSIDERED

1/2006

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ATTY. DOCKET NO.

1248-0714PUS1

APPLICATION NO.

10/820,113

APPLICANT

K. HIGUCHI et al.

FILING DATE

April 8, 2004

GROUP

2861

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
BAL	US 5,396,042	A	1995-03-07	Ishida et al.	—	—	
↓	US 4,216,477		1980-08-05	Matsuda et al.	—	—	
	US						
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FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
BAL	JP	01-188348	A	1989-07-27	JAPAN	—	—	abs	
↓	JP	02-080252	A	1990-03-20	JAPAN	—	—	abs	
✓	JP	54-146633	A	1979-11-16	JAPAN	—	—	abs	

OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

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